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DESCRIPTORS: *Eyeglasses, Vision, *Space
perception, *Visual perception, Optics, *Refraction,
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Decentration
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DESCRIPTORS: *Lenses, Optics, Medical research,
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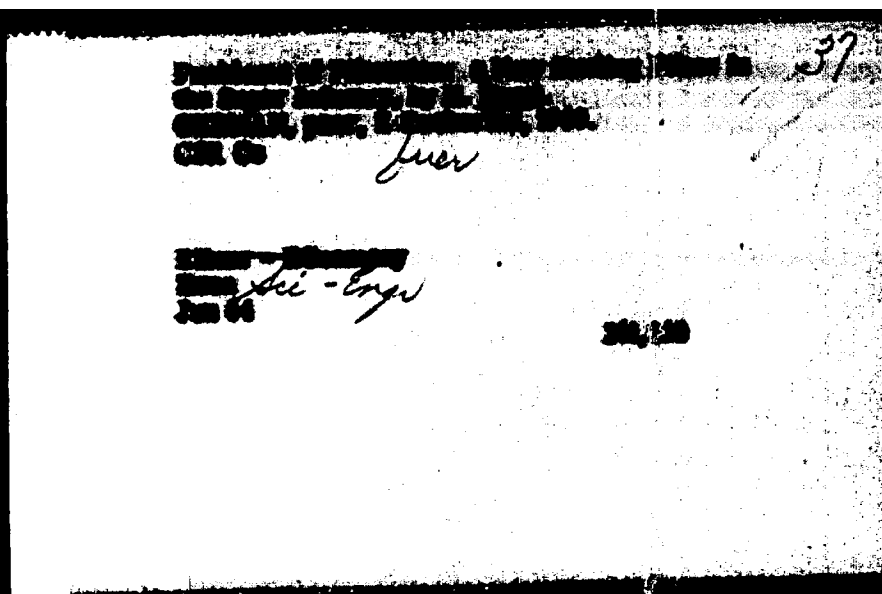
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Ethyl Phosphoric Acid Esters, by K. Hartl. A. Weiss.
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CHIMIE, Patent No 1 018 324, 31 Oct 1957.
SEC 69-11109-01A

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Trans. of German patent (display script) 1,076,101,
K 35662 IVa/121, cl. 12131, internat'l. cl. CO1b, by
Knapsack-Griesheim Aktiengesellschaft, pub.
2 Sep 58, announcement and issue of the display script
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DESCRIPTORS: *Alkali metals, *Alkali metal com-
pounds, *Phosphates, Chemical reactions, Chlorides,
Phosphorus, Oxygen, Synthesis, Production, Process-
ing, *Fused materials.

The process for the production of alkaliphosphates
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marked thereby, that an alkali chloride in the presence
(Chemistry--Physical, TT, v. 6, no. 12) (over)

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II. Bielenberg, W.
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IV. Patent (Germany)
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Vision, Eye, *Ophthalmology, *Optical instruments,
*Muscles, *Exercise, Refraction, *Optical images,
Binoculars, Optics, Optometry, *Prisms, *Mirrors,
*Stereoscopes

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Scientific - Min/Metals Jul 55 CTS

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information with Special Reference
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range, by H. Kornfeld, G. Hartlof.
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Summary of the Present State of the Spectro-
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GERMAN, per, Stahl und Eisen, Vol LXXVII, 17 Oct
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SH 61-16358
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Archiv Eisenhüttenwesen, vol. 13, 3 figures, 4 tables,
2200 words; 1940.

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A 3755

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H. Kornfeld.

GERMAN, Archiv Fur Das Eisenhüttenwesen, Vol 23,
1952, No 3-4, pp 103-105.

*Rep. to the Board of
Southern Experiment Station
Tuscaloosa, Alabama*

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3100 words; 1942.

Relationship Between Sensitivity to Overheating and
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A - 3956

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12 figures, 5100 words; 1944.

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Special Reference to Deformations Within
Alpha-Iron Range.

Butcher Trans., Order No. 1728, \$7.65

A 3957

Rapid Spectroanalysis of Metallurgical Slages by
G. Hartleif and H. Kornfeld.

GERMAN, Archiv Fur Das Eisenhüttenwesen, Vol 23, 1952,
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A 3958

Recrystallization After Hot-Deformation,
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in the α -Iron Region, by H. Kocksfeld,
G. Hartliff.

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Mar/Apr 1944, pp 221-226.

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G. Hartliff

cl/100

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SLA 60-18287

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Apr 61

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Impregnation in Sulphate Cooking, by
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(18 figures omitted) 12 refs.
Order from SLA \$1.10

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Trans. of Svensk Pappers-tidn[ing] 1961, v. 64,
no. 4, p. 101-103.

DESCRIPTORS: *Wood pulp fibers, *Sulfate pulp,
*Sulfites, *Chipping hammers, *Cutting tools, *Rotary
compressors, Chemical analysis, Economics, *Paper
industry, *Wood pulp machines, Chlorine.

Chipping with the cutting direction parallel with the
fibre direction in the wood should theoretically give
chips (p-chips) exhibiting a minimum of compression
damage. This principle has long been used in the
flakers, but these machines produce chips which are
too thin for pulp production and in addition their
(Materials--Wood, TT, v. 7, no. 4) (over)

61-20042

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Hartler, N. and Stockman, L.
SOME VIEWPOINTS IN THE COMPARISON OF SUL-
PHATE PULP COOKED CONTINUOUSLY AND DIS-
CONTINUOUSLY. Mat 60, Sp. 114 figs. omitted.
Oulu (Finland) A.S. 11 60-16582

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p. 1-10.

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Mat 60, Sp. 114 figs. omitted (v. 8, no. 11)

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SLA 59-10098

Sci - Chem
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Losses of Sugar in Manufacture and their Monetary
Reflection, by M.G. Hartley.

FRENCH, per, La Industria Azucarera, Vol. 73, 1957,
pp 221-225.

CSR.CO/

M.G. HARTLEY

Sci -
July 1967

334-457

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GMWAG, rpt, Wissenschaftliche Gesellschaft
für Luft- und Raumfahrt, and Deutsche Gesell-
schaft für Luftfahrttechnik und Raumfahrtforschung,
Jahrestagung, Sept 1964, pp 353-361.
NASA TT 7-12,843

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Sci-Mech
Jan 70

The Influence of Temperature Increase to About
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Constructional Materials: Aluminium Alloys,
Stainless Steel, Titanium and Titanium Alloys,
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TIL.T.4809

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The Mechanical Properties of Glass Fabric
Reinforced Resin at Room Temperature, UNCLASSIFIED
by A. Hartman.

GERMAN, MIL Report M 1991, Mechanische Eigenschaften
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TIL Tr 4864

Sci - Chem
Jun 58

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The Peeling Test on Glued Light Alloy Sheet 1,
by A. Hartman, 49 pp.

DUTCH, N.L.L.Rep, (N 1893), 1952.

T-4228

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MIN/Metals

Scientific - ~~Min/Metals~~

Mar 55 CTS

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A Review of Theoretical and Practical Methods
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RAE Tr 717

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TPA3/TIB B: No 4374

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Optimum Design of Bypass Engine With Flow
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Trans. of Z[eitschrift für Metallkunde] (Germany)
1958, v. 49 [no. 9] p. 461-463.

DESCRIPTORS: *Zinc, *Magnesium, Chemical anal-
ysis, *Oxygen, Determination.

The procedure is based on $\text{ZnO} + \text{H}_2\text{S} = \text{ZnS} + \text{H}_2\text{O}$.
Hydrogen sulfide was conducted over the zinc melt at
550° with hydrogen as carrier. The water which is
formed is caught in a U-shaped absorption tube with
phosphor pentoxide and weighed. In this manner oxy-
gen content between 0.0004 and 0.0006% was deter-
mined for various types of zinc in compact form. Re-
sults show that the determination of O_2 in metallic mag-
nesium is made in the same way as in zinc. (Author)

61-20692

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II. Hofmann, W.
III. Gerhard, S.

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(Chemistry--Physical, TT, v. 7,
no. 2)

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STT-146-305

Trans. of Machine Moderne (France) 1960 [v. 54]
Feb, p. 41-45.

DESCRIPTORS: *Space flight, Space navigation,
*Gears.

(Engineering--Aeronautical, TT, v. 7, no. 5)

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DESCRIPTORS: *Quartz crystals, Quartz, *Crystal structure.

A study is presented of the agreement between crystal-line structure and morphology of ternary quartz. The absence of the base can be explained by assuming that the growth units are SiO_2 or Si_2O_4 molecules. The m prism and the two r and z rhombohedra are of the P type. The s (1121) and x (5161) forms are of the S type. The faces of the trapezohedron (5161) are nearly parallel to the directions, in which the interaction energy of the P.B.C. is zero. (Author)

(Physics--Solid State, TT, v. 6, no. 1)

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NIK 3-7-61

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